



**DENALI COMMISSION
REIMBURSABLE AGREEMENT
AMENDMENT**

AGREEMENT No: RA 553**Project:** Barge Landings and Mooring Points**Amendment No:** 4

PARTIES TO THE AGREEMENT

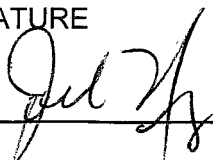
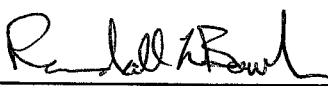
REIMBURSING ORGANIZATION	ORGANIZATION TO BE REIMBURSED
Denali Commission 510 L Street, Suite 410 Anchorage, AK 99501	U.S. Army Engineer District- Alaska ATTN: CEPOA-PM-C (Anderson) PO Box 6898 JBER, AK 99506-6898
APPROPRIATION CHARGEABLE 513X1200	APPROPRIATION REIMBURSED
EFFECTIVE DATE	COST
Original: August 30, 2012	\$ 267,420.91 Original
Amend. No. 1: February 1, 2013	\$ 1,049,575.32 Amend. No. 1
Amend. No. 2: January 3, 2014	\$ 121,571.38 Amend. No. 2
Amend. No. 3: December 17, 2014	\$ 0.00 Amend. No. 3
Amend. No. 4: When Fully Executed	<u>\$ 7,100,000.00</u> Amend. No. 4
	\$ 8,538,567.61 Amended Total

PURPOSE OF AMENDMENT

1. Add \$7,100,000
2. Add scope in accordance with Attachment A dated 26 September 2016
3. Extend performance period to 31 December 2019

ALL OTHER PROVISIONS OF THE ORIGINAL AGREEMENT AND PREVIOUS AMENDMENTS
REMAIN THE SAME

AUTHORIZED APPROVALS

FOR REIMBURSING ORGANIZATION	FOR ORGANIZATION TO BE REIMBURSED
SIGNATURE DATE	SIGNATURE DATE
 9/30/16	 10/31/16
TITLE	TITLE
Joel Neimeyer, Federal Co-Chair Denali Commission	Randall L. Bowker, CEPOA-PM U.S. Army Corps of Engineers, Alaska District

***Reimbursable Agreement (RA) 553
Between the Denali Commission and USACE – Alaska District
For Barge Landing and Mooring Point Projects
Amendment No. 4 – Attachment A
26 September 2016***

- a. Background: The original need for barge landing/mooring improvements in rural Alaska was identified in a 1997 US Army Corps of Engineers (USACE) *Navigation Improvements Reconnaissance Study* and the 2002/2004 Alaska Department of Transportation & Public Facilities (A-DOT) *Regional Transportation Plans for Northwest Alaska and the Yukon-Kuskokwim Delta*. In 2009 the Commission began the development of a Barge Landing and Mooring Point Program in collaboration with the USACE – Alaska District. These projects improve efficiency and safety for barge operators and communities by reducing the amount of time to load and unload barges. Installing facilities that allow barge operators to discontinue the old practice of keeping tug boats running during unloading/loading at unimproved landing sites also reduces adverse environmental impacts to river banks and salmon fisheries. The Commission's Transportation Advisory Committee views the mooring point program as the most pressing need for waterfront improvements in rural Alaska.

To date, the Commission has funded site visits, prototype mooring point designs, the development of a prioritization methodology, and the construction of mooring points in 17 communities, which are summarized below. In 2010 the Commission also contributed approximately \$1M toward the construction of a new barge landing facility in Perryville. The Bureau of Indian Affairs also provided \$1M for the project, which was completed in 2014.

Completed Mooring Point Projects

Phase I: Chevak, Kwigillingok, Tuntutuliak

Phase II: Alakanuk, Anvik, Emmonak, Grayling, Kotlik, Mountain Village, Nunam Iqua

Phase III: Akiachak, Crooked Creek, Goodnews Bay, Kongiganak, Upper Kalskag,
Lower Kalskag, McGrath

These projects were funded with a combination of US Department of Transportation (DOT) Federal Transit Authority (FTA) Waterfront and Federal Highway Administration (FHWA) Access funds, and State match funds via Reimbursable Agreements (RA's) with USACE. Initial planning, design and the construction of the Phase I and II mooring point projects were funded through a series of RA's which are now closed.

- b. Budget: Construction of the Phase III Mooring Point projects referenced above was funded via Reimbursable Agreement (RA) 553. Certain aspects of the projects such as final design and construction administration were funded via RA-518, which was established in 2009 for all USACE Technical Services provided in support of all barge landing and mooring point projects. RA-518 has also been used for support of the Commission's new Environmentally Threatened Community (ETC) Program. There are funds remaining in both RA-553 and RA-518. All remaining transportation funds in RA-518 will be de-obligated and reprogrammed. RA-518 will be used exclusively for the ETC program going forward. Funding for RA-553 is being increased via this Amendment No. 4 to cover both the technical services required to support Phase IV projects, and the construction of said projects.

The federal FY 2016 Omnibus Appropriation Bill included language acknowledging that barge landing and mooring point projects improve the safety and reliability of transferring fuel to tank farms during the summer delivery season when communities off the road system receive their bulk fuel supplies. Accordingly, the referenced 2016 Appropriation Bill amended the Denali Commission Act (PL 105-277) to allow the use of Trans-Alaska Pipeline Liability (TAPL) funds that the Commission receives annually for barge landing and mooring point projects. Amendment 4 to RA-553 includes significant TAPL funds.

\$3M of State funds were appropriated in the SFY 2013 Capital Budget, and re-appropriated during the 2016 legislative session (Enrolled Senate Bill 138), as match for the Commission's Rural Roads and Waterfront Development Program. It is the Commission's desire that these funds be used for Barge Landing and Mooring Point projects identified by the Commission and USACE, either by adding the funds to RA 553 or through direct State grants to appropriate recipients.

Construction work under RA-553 may not commence on any project until the Commission confirms that all statutory matching fund requirements have been met.

See the Budget and Funding Summary dated 26 September 2016 attached as Appendix 1 for more detailed information on the RA-553 budget.

- c. Phase IV Scope of Work: Design and construct waterfront improvements in communities selected from the list in Appendix 2 which was derived from the January 2015 USACE Assessment transmitted to the Commission on 13 February 2015, and updated in January 2016. A priority will be given to mooring point projects. However, projects may also include barge landings, dolphins, fenders and/or improvements to community bulk fuel header systems. The complete list of potential projects based on Appendix 2 represents work in excess of the funds currently available. The Commission will work directly with USACE in selecting projects to be bundled for bid packages based on such factors as regional mobilization costs, design readiness, permitting, site control, etc. Projects may not necessarily proceed in the order that communities are listed in Appendix 2.

The scope also includes technical services such as project management, site visits, permitting, researching and resolving real estate issues, land surveys, geotechnical investigations, preparing NEPA documentation, cost estimating, scheduling, contractor selection, and construction inspections that were previously provided under RA-518.

d. Deliverables:

- Design documents, permits and NEPA documentation
- Executed construction contracts
- Construction administration services
- Completed facilities
- A final report detailing the entire project and outcomes

e. Delivery Method: Construction contractors will be selected using a best value Request For Proposal (RFP) process. The Commission shall review and approve final design documents and participate in the general contractor selection process.

The construction contracts awarded by USACE will include payment and performance bonds. The Denali Commission shall be named as an Additional Insured on the Liability Insurance Policies of the General Contractor(s) selected to construct the facilities and improvements.

Construction Administration services will be provided by USACE staff or contract personnel via existing USACE Indefinite Delivery/Indefinite Quantity (IDIQ) contracts.

f. Schedule: Key project milestones are summarized below.

Identify 2017 construction Projects: November 2016

Complete design and other pre-construction documents: January 2017

Award 2017 construction contracts: April 2017

Complete 2017 projects: October 2017

Identify 2018 construction Projects: July 2017

Complete design and other pre-construction documents: November 2017

Award 2018 construction contracts: February 2018

Complete 2018 projects: October 2018

Identify 2019 construction Projects: July 2018

Complete design and other pre-construction documents: November 2018

Award 2019 construction contracts: February 2019

Complete 2019 projects: October 2019

Award Closeout: March 2020

g. Commission Point of Contact:

Mr. Tom Wolf, PE, PMP
510 L St., Suite 410
Anchorage, AK 99501
twolf@denali.gov
907-271-1414

- h. NEPA: USACE shall provide National Environmental Policy Act (NEPA) documentation consistent with the Denali Commission policies and procedures published in the Federal Register on August 11, 2016. Alternately, USACE procedures may be followed for groups of projects or individual projects, if it is deemed more appropriate by the Commission. No construction activities may commence until the NEPA process is complete and the Commission has reviewed and approved all NEPA documentation.

BUDGET

Line	Item	Performed By	Amount	Basis/Notes
1	Phase III Mooring Points - Completed 2013			
2	Planning and Design	USACE	see notes	Completed under RA's 504 and 518
3	Pre-Construction Activities			
4	Construction	STG Construction	\$968,106	
5	Construction Administration	USACE	see notes	Includes construction phase management and inspection; completed under RA's 504 and 518
6	Subtotal		\$968,106	
7	Phase IV Mooring Points			
8	Planning and Design	USACE	see notes	Design documents, estimates, environmental reviews, ROW's & easements completed under RA's 504 and 518
9	Pre-Construction Activities	USACE	\$150,000	Update existing planning and design documents, permitting, prepare RFP, award contract(s); 10% of line 10; equates to 1,111 hrs based on an average \$135/hr fully burdened wage rate
10	Construction	Contractors	\$1,500,000	2014 USACE cost estimate for the Phase IV communities
11	Construction Administration	USACE	\$112,500	Construction phase management and inspection; 7.5% of line 10; historical average for Phase I - III mooring point projects
12	Contingency		\$75,000	5% of line 10
13	Subtotal		\$1,837,500	
14	Other Phase IV Improvements			
15	Planning and Design	USACE	\$834,000	Final design documents, estimating, environmental reviews, ROW's & easements, permitting, prepare RFP, award contract(s); 20% of line 17; equates to 6,178 hrs based on an average \$135/hr fully burdened wage rate
16	Pre-Construction Activities			
17	Construction Allowance	Contractors	\$4,170,000	
18	Construction Administration	USACE	\$312,750	Construction phase management and inspection; 7.5% of line 17
19	Contingency		\$416,211	10% of line 17
20	Subtotal		\$5,732,961	

21 **Total** **\$8,538,567**

FUNDING

Line	Source	Award or Reference	Amount	Notes
22	Denali Commission	RA-553 thru Amend. #3	\$1,438,567	Combination of DOT/FTA Waterfront, DOT/FHWA Access, and State Match funds
23	Denali Commission	This Action	\$7,100,000	Base (\$185,582), TAPL (\$6,062,525), DOT/FTA Waterfront (\$637,475), DOT/FHWA Access (\$214,418)
24	Total RA 553 Funding After This Action		\$8,538,567	
25	RA 553 Funding Expended To Date		(\$968,106)	Per quarterly report submitted 1 August 2016
26	RA 553 Funding Available For Phase IV Projects After This Action		\$7,570,461	
27	SLA 2012 State Partnership Match Grant		\$3,000,000	Direct grant from State to recipient(s) selected by Commission and USACE based on January 2016 priority list
28	Total Funding Available For Phase IV Projects		\$10,570,461	

RA 553 - Amendment 4
Appendix 2 to Attachment A
Preliminary Project List
26 September 2016

Line	Community	Score	Region	Most Recent Cost Estimate	
				Amount ^a	Date
1	Phase IV Mooring Points				
2	Kiana	27	Kotzebue Sound/Kobuk	\$1,500,000	2014
3	Noorvik	24			
4	Buckland	20			
5	Nulato	22	Middle Yukon		
6	Galena	20			
7	Tanana	20			
8	Kaltag	17			
9	Ruby	17			
10	Stevens Village	20	Upper Yukon		
11	Total			\$1,500,000	
12	Candidates For More Complicated Mooring Point, Barge Landing, Ramp and/or Fender & Dolphin Projects				
13	Manokotak	28	Iliamna/Bristol Bay	\$250,000	2010
14	Levelock	23		\$1,260,000	2010
15	Eek	25	Lower Kuskokwim	\$1,600,000	2012
16	Angoon	23	Northern SE	\$2,650,000	2010
17	Larsen Bay	21	Kodiak	\$1,540,000	2010
18	Karluk	11		none	
19	Chignik	19	Alaska Peninsula/Aleutians	\$3,120,000	2010
20	False Pass	16		none	
21	Ugashik	14			
22	Sand Point	12			
23	Total			\$10,420,000	

Notes:

a. Estimate of construction contract cost only; estimates do not include design, USACE project management, or construction administration costs; amounts shown may not include all potential project elements

RA 553 - Amendment 4
Appendix 2 to Attachment A
Preliminary Project List
26 September 2016

24	Candidates For Fuel Header Projects		
25	Community	Region	Notes
26	Alakanuk	Lower Yukon	Phase II mooring point project
27	Nulato	Middle Yukon	Phase IV mooring point project
28	Galena		Phase IV mooring point project
29	Tanana		Phase IV mooring point project
30	Kaltag		Phase IV mooring point project
31	Ruby		Phase IV mooring point project
32	Stevens Village	Upper Yukon	Phase IV mooring point project
33	Toksook Bay	Kuskokwim Delta	
34	Goodnews Bay		Phase III mooring point project
35	Kongiganak		Phase III mooring point project
36	Kwigillingok		Phase I mooring point project
37	Quinhagak		
38	Chevak		Phase I mooring point project
39	Eek	Lower Kuskokwim	
40	Akiachak		Phase III mooring point project
41	Tuntutuliak		Phase I mooring point project
42	Crooked Creek	Middle Kuskokwim	Phase III mooring point project
43	McGrath	Upper Kuskokwim	Phase III mooring point project
44	Buckland	Kotzebue Sound/Kobuk	Phase IV mooring point project
45	Kiana		Phase IV mooring point project
46	Noorvik		Phase IV mooring point project
47	Manokotak	Iliamna/Bristol Bay	
48	Angoon	Northern SE	